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LISTING OF CLAIMS

Claims 1-3 (Canceled)

4. (Currently amended) The soil adjuvant of claim ~~3~~ 14, wherein said carrier is wheat middlings.

Claim 5 (Canceled)

6. (Currently amended) The soil adjuvant of claim ~~4~~ 14 further comprising glutamic acid.

7. (Currently amended) The soil adjuvant of claim ~~4~~ 14 wherein said dried fermentation solubles are dried glutamic acid fermentation solubles.

8. (Original) The soil adjuvant of claim 7 where said dried fermentation solubles are dried corn fermentation solubles.

9. (Currently amended) The soil adjuvant of claim ~~4~~ 14 where said dried fermentation solubles comprises a mixture of dried glutamic acid fermentation solubles and dried corn fermentation solubles.

Claims 10-13 (Canceled)

14. (New) A soil adjuvant comprising fermentation solubles dried to a total moisture content of less than thirty percent (30%) by weight; said fermentation solubles being chosen from the group consisting of glutamic acid fermentation solubles, dried corn fermentation solubles, fermentation bi-products derived from a fermentation of fungal or bacterial origin, and combinations thereof, said soil adjuvant forming a blended source of organic and inorganic nitrogen of variable solubility's in the form of non-protein nitrogen, peptides, amino acids and intact protein, wherein said dried fermentation solubles having been dried to a total moisture content of less than thirty percent (30%) by weight at a temperature not less than 80° F and not more than 900° F, said soil adjuvant further comprising a carrier, said soil adjuvant comprising a mixture of fermentation solubles and a carrier in a ratio of about 1:10 to about 10:1 by weight, then the soil adjuvant is added to soil to enhance the organic and

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inorganic nitrogen content of the soil to maximize plant uptake of nutrients while preventing loss of nutrients through leaching and run-off.

